MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER 1953

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

SEPTEMBER 1953
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20·30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	60.0	58.9	58.8	59.2	31.5	23.2	28.1	30.3	25.4	27.9
2	57.6	56.7	56.6	57.0	30.8	23.8	27.1	29.4	25.4	27.3
3	56.8	56.9	57.6	57.1	32.1	34.3	28.4	31.8	26.9	29.0
4	57.6	57.3	57.9	57.6	32.4	24.7	28.9	30.9	26.9	28.9
5	58.8	57.9	58.5	58.4	32.2	23.9	28.7	31.5	26.7	29.0
6	58.1	57.7	57.8	57.9	31.5	24.3	28.2	30.7	26.1	28.3
7	57.2	56.4	56.5	56.7	31.5	24.5	28.1	31.4	26.1	28.5
8	54.9	54.9	55.0	54.9	29.5	24.8	28.2	28.1	23.9	26.7
9	58.0	59.0	60.1	59·0	26.6	20.6	24.4	25.8	22.7	24.3
10	60.8	60.0	60.2	60.3	27.8	21.1	25.6	26.7	23.8	25.4
11	60.4	60.1	60.2	60.2	28.5	21.3	26.3	26.8	23.4	25.5
12	60.0	58.7	58.9	59.2	29.0	22.0	26.0	28.8	23.8	26.2
13	58.1	56.3	55.6	56.7	29.3	22.6	25.0	28 3	23.9	25.7
14	57.0	56.7	57.9	57.2	30.1	23.5	26.6	29.7	25.3	27.2
15	59.7	59.7	60.1	59.8	29.3	23.0	26.7	27.5	24.7	26.3
16	60.6	60.1	60.2	60.3	29.2	22.5	26.7	28.9	24.2	26.6
17	59.6	58.5	58.8	59.0	30.1	21.9	26.5	29.4	24 7	26.9
18	57.9	57.3	57.7	57.6	30.0	22.7	26.5	29.8	23.9	26.7
19	58.4	57.6	57.9	58.0	29.0	23.8	26.3	28.4	25.6	26.8
20	58.6	58.2	59.0	58.6	29.3	22.6	26.7	28.6	24.2	26.5
21	60.3	60.1	60.5	60.3	29.8	23.1	27.2	28.3	24.4	26.6
22	61.2	60.3	60.6	60 7	29.6	21.1	26 1	28.0	24.4	26.2
23	60.5	59.6	60.0	60.0	29.4	21.7	25.6	28.3	23.4	25.8
24	59.4	58.6	58.9	59.0	28.2	22.6	25.3	27.8	24.4	25.8
25	58.6	58.4	58.6	58.5	29.6	23.7	26.7	28.8	25.6	27.0
26	58.4	57.6	57.3	57.8	31.2	25.3	27.4	30.0	26.1	27.8
27	57.8	56.8	56.5	57.0	31.4	25.3	28.4	30.4	27.3	28.7
28	56.8	56.3	56 6	56.6	30.7	23.4	27.8	30.2	25.6	27.9
29	57.6	57.7	58.9	58.1	30.1	22.3	26.7	29.9	24.7	27.1
30	60.9	21.2	62.1	61.4	29.4	21.6	25.7	29.1	23.9	26.2
31										
	56.83	56 32	56.62	56.58	25.78	22.30	26.00	28.18	24.11	26.09

Barometer, range for month 762.1 mm. — 754.9 mm.
„ 71-yr. average for month 758.74 mm.
Thermometer, range for month 32.4°C — 20.6°C
„ 71-yr. average for month 27.21°C
Rain total for month 1.78 mm.
„ 71-yrs average for month 6.19 mm.
„ Total, Sept. 1st. to end of month 1.78 mm.
„ 71-yrs. average. Sept. 1st. to end of month 6.19mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	23.0	22.6	21.5	22.4	62	53	66	60	8.0	100.0	
2	20.2	23.1	22.1	21.8	56	56	69	60	9.6	40.0	
3	24.7	26.3	27.4	26.1	65	58	78	67	9.6	63.0	
4	27.8	29.1	28.2	28.4	70	65	80	72	9.7	71.0	
5	27.8	28.6	26.7	27.4	70	61	76	69	9.9	198.0	
6	23.3	21.5	19.8	21.5	61	50	59	57	9.0	217.0	
7	19.9	21.3	21.1	20.8	51	46	62	53	9.4	377.0	
8	23.3	19.9	16.0	19.7	61	52	54	56	8.7	919.0	1.02
9	12.2	11.9	11.9	12.0	41	36	43	40	10.4	438.0	0.76
10	15.3	15.6	16.6	15.8	47	45	56	49	10.4	349.0	
11	17.9	18.0	18.9	18.3	54	53	66	58	10.2	14.0	
12	21.1	22.2	22.2	21.8	62	55	75	64	10.0	24.0	
13	23.3	24.0	24.8	24.0	73	62	84	73	9.4	31.0	
14	24.6	24.5	24.1	24.4	70	60	74	68	8.3	101.0	
15	21.3	20.8	21.1	21.1	60	58	69	62	7.0	72.0	
16	20.0	22.2	22.4	21.5	57	56	74	62	9.3	60.0	
17	22.6	22.4	22.6	22.5	65	55	71	64	9.5	113.0	
18	21.3	23.3	22.2	22.3	60	54	75	63	9.6	97.0	
19	20.4	19.9	17.7	19.3	60	53	54	56	10.2	518.0	
20	20 0	21.9	20 3	20.7	57	57	68	61	9.6	6.0	
21	22.8	20.6	19.8	21.1	63	52	64	60	9.7	11.0	
22	22.4	19.7	19.8	20.6	65	53	65	61	9.6	35.0	
23	20.2	20.6	20.7	20.5	62	53	71	62	9.4	19.0	
24	22.8	23.0	24.4	23.4	70	61	79	70	9.6	291.0	
25	23.9	28 6	29.8	27.4	69	73	91	87	9.4	245.0	
26	26.3	29.2	30.1	28.5	73	69	89	77	9.5	180.0	
27	19.3	28.8	24.2	24.1	50	65	67	61	9.1	253.0	
28	29.5	30.0	28.3	29.3	79	70	86	78	9.2	119.0	
29	26.0	27.7	25.7	26.5	74	65	84	74	9.4	111.0	
30	24.1	23.5	23.5	23.7	75	60	79	71	9.6	76.0	
31											
	21.52	22 28	21.74	21.84	60.7	55.0	68.6	61.5	9.11	171.60	0.06

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2cu	9cu-st	5cu	5.3	1s	2w	1s	light	
2	0	3cu-ci	0	1.0	1nw	2nw	0	,,	
3	0	1cu	0	0.3	1sw	2sw	1nw	,,	
4	0	0	0	0.0	1sw	1nw	1sw	,,	
5	4cu	0	0	1.3	2sw	1sw	1w	,,	H, all day
6	1cu	2cu	0	1.0	1sw	2sw	1w	light	
7	4cu	1cu	5cu	3.3	3sw	2sw	3sw	,,	
8	5ni	7cu	8cu	6.7	2sw	4sw	5sw	slight	H.a. m. w., all day
9	5cu	0	0	1.7	2sw	2n	2n	mod.	good Visibility
10	0	0	0	0.0	2ne	3n	3ne	light	good Visibility
11	1cu	0	0	0.3	1ne	1nw	0	light	good Visibility
12	2cu	0	0	0.7	1sw	1nw	0	,,	Good Visibility
13	5cu	0	0	1.7	1sw	1nw	0	,,	
14	4cu	0	10cu-ni	4.7	1sw	1nw	1sw	,,	
15	1cu	9cu	9cu	6.3	1sw	1nw	2nw	,,	
16	4cu-ci	5cu	7cu	5.3	1ne	2nw	1sw	light	
17	0	1cu	6cu	2 3	1sw	2sw	1sw	,,	
18	0	2cu	5cu	2.3	2w	1w	1sw	,,	
19	0	0	0	0.0	1 e	3n	3n	,,	
20	0	0	0	0.0	1	0	0	,,	Good Visibility
21	0	0	0	0.0	1w	1nw	0	light	
22	1cu	0	2cu	1.0	1sw	1nw	1sw	,,	
23	0	1cu	0	0.3	1sw	1nw	1nw	,,	
24	0	0	0	0.0	1ne	1n	1n	,,	D., P.M.
25	0	0	0	0 0	1ne	1n	1ne	,,	D., p.m.
26	0	0	0	0.0	1ne	1n	1n	light	H., D., p.m.
27	0	0	0	0.0	1n	2ne	1n	,,	
28	10ci	3cu-st	0	4.3	2sw	1sw	0	,,	H., all day
29	0	0	0	0.0	1sw	1sw	1sw	,,	
30	4cu	3cu	0	2.3	1sw	1w	1w	,,	
31									
	mean			1.68					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	7	0	0	1	17	2	1	0	30
14:30	6	1	0	0	0	8	3	11	1	30
20:30	4	3	0	0	1	9	3	3	7	30
Total	12	11	0	0	2	34	8	15	8	90

Number of days with rain 2, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 1.13